

SYNONYMIC NOTES ON ARCTIIDÆ (LEPID.)

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Decatur, Illinois

EUBAPHE FERRUGINOSA Wlk.

- 1854, Walker, Cat. Lep. Het. B. M., II, 535, *Crocota*.
 1889, Smith, Can. Ent., XXI, 195, *Crocota*.
 1901, Hampson, Cat. Lep. Phal. B. M., III, 192 (partim.), *aurantiaca*,
Holomelina.
 1910, Rothschild, Nov. Zool., XVII, 76, an sp. dist., *Holomelina*.
 1920, Hampson, Cat. Lep. Phal. B. M., Suppl., II, 317, pl. LVI, 19,
Eubaphe.
trimaculosa Reak.
 1864, Reakirt, Proc. Ent. Soc. Phila., II, 372, *Crocota*.
 1893, Neumoegen and Dyar, Jour. N. Y. Ent. Soc., I, 157, *immaculata*
 var., *Eubaphe*.
 1919, Seitz, Macrolep., VI, 294, *immaculata* form, *Eubaphe*.
 1920, Hampson, Cat. Lep. Phal. B. M., Suppl., II, 317, *ferruginosa*,
Eubaphe.
obscura Stretch (partim.).
 1885, Stretch, Ent. Amer., I, 103 (partim.), *Crocota*.
 1925, Barnes and Benjamin, Pan.-Pac. Ent., I, 128, *immaculata trimaculosa*,
Eubaphe.
form immaculata Reak.
 1864, Reakirt, Proc. Ent. Soc. Phila., II, 372, *Crocota*.
 1889, Smith, Can. Ent., XXI, 195, *Crocota*.
 1893, Neumoegen and Dyar, Jour. N. Y. Ent. Soc., I, 157, *Eubaphe*.
 1919, Seitz, Macrolep., VI, 294, pl. XXXVIII, a, *Eubaphe*.
 1920, Hampson, Cat. Lep. Phal. B. M., Suppl., II, 317, *ferruginosa*
 ab., *Eubaphe*.

A specimen compared with the type of *ferruginosa* Wlk. by Mr. Tams shows that the name takes priority over species name *immaculata* Reak. The specimen compared with Walker's type agrees with specimens compared with the types of *trimaculosa* by Doctor McDunnough. The name *immaculata* Reak. can stand as a form of *ferruginosa*. For notes on the types of *obscura* Stretch see Barnes and Benjamin, 1925.

E. ferruginosa Auct. nec Wlk. refers to *aurantiaca* Hbn. Holland's figure of *immaculata* (Moth Book, pl. XIV, f. 20) seems to refer to *opella* form *nigricans* Reak.

Hampson's synonymy of 1920 appears essentially correct from the standpoint of comparison with the actual types involved.

ARACHNIS AULÆA Geyer

- 1837, Geyer, Zutr. exot. Schmett., V, 28, pl. CLVII, ff. 913-914, *Arachnis*.
 1881, Oberthür, Ét. d'Ent., VI, 111, pl. XIX, ff. 4, 7, *Ecpantheria*.
 1883, Schaus, Pap., III, 188 (biol.), *Ecpantheria*.
 1890, Smith, Can. Ent., XXII, 177, *Arachnis*.
 1893, Neumoegen and Dyar, Jour. N. Y. Ent. Soc., I, 179, *Arachnis*.
 1894, Dyar, Can. Ent., XXVI, 307 (biol.), *Arachnis*.
 1896, Ottolengui, Ent. News, VII, 126, pl. IV, *Arachnis*.
 1897, Druce, Biol. Centr. Am., Lep. Het., II, 377, *Arachnis*.
 1901, Hampson, Cat. Lep. Phal. B. M., III, 390, text f. 163 (biol.), *Arachnis*.

incarnata Wlk.

- 1854, Walker, Cat. Lep. Het. B. M., III, 690, *Ecpantheria*.

ARACHNIS POMPEIA Druce

- 1894, Druce, Ann. Mag. Nat. Hist. (6), XIII, 174, *Arachnis*.
 1897, Druce, Biol. Centr. Am., Lep., Het., II, 377, pl. LXXV, 2-3, *Arachnis*.
 1901, Hampson, Cat. Lep. Phal. B. M., III, 389, *Arachnis*.
~~*aulæa*~~ Auct. (nec. Geyer).
 1903, Holland, Moth Book., 124, pl. XVI, f. 1, *Arachnis*.
 1912, Barnes and McDunnough, Contrib., I, (4), 7, pl. II, f. 1, *Arachnis*.

This note is primarily to call attention to the fact that *pompeia* has been figured as *aulæa* by B. and McD., and probably also by Holland. The latter figure shows primaries similar to *aulæa* and secondaries of *pompeia*. We suspect that the specimen is a faded *pompeia*, especially as Holland records the species from Arizona.

The Barnes collection possesses three specimens of *pompeia* from Arizona (Biederman) one of which is the specimen figured in the contributions as *aulæa*. This specimen was recently examined by Mr. Tams in connection with the British Museum types, and we are informed that it is conspecific with the type of *pompeia*.

The species going in both the British Museum and the United States National Museum as *aulæa*, and appearing to agree fairly well with Geyer's figures, is represented in the Barnes collection by a series of specimens, mostly without labels. Two are labeled "Jalapa" (Mexico); one, "S. Tex.;" and one, "N. Mex.;" We cannot be sure of the authenticity of these labels. It is possible that true *aulæa* does not occur in the United States.

We cannot state which references under *aulæa* really refer to *pompeia*, but at any rate the latter name must be added to our lists.

The species may be sorted by the fact that the gray on the thorax and fore wings of *pompeia* is dark, nearly fuscous, and the red of the hind wings is a bright rich crimson; while the gray on the thorax and fore wings of *aulæa* is quite pale, about the same shade as in *picta*, and the red of the hind wings is duller, also about the same shade as in *picta*.

PYGARCTIA MURINA Stretch

1885, Stretch, Ent. Amer., I, 106, *Euchætes*.

1890, Smith, Can. Ent., XXII, 175, *Euchætes*.

1892, Kirby, Syn. Cat. Lep. Het., I, 236, *Cycnia*.

1893, Neumoegen and Dyar, Jour. N. Y. Ent. Soc., I, 166, *Cycnia*.

1920, Hampson, Cat. Lep. Phal. B. M., Suppl., II, 466, *Pygarctia*.

poliochroa Hamp.

1916, Hampson, Nov. Zool., XXIII, 238, *Pygarctia*.

1920, Hampson, Cat. Lep. Phal. B. M., Suppl., II, 466, pl. LXIV, f. 10, *Pygarctia*.

PYGARCTIA MURINA ALBISTRIGATA B. and McD.

1913, Barnes and McDunnough, Contrib., II, (3), 103, pl. III, ff. 10, 12, *murina* ssp., *Pygarctia*.

1920, Hampson, Cat. Lep. Phal. B. M., Suppl., II, 466, *murina* form, *Pygarctia*.

‡ *murina* Auct. (nec. Stretch).

1901, Hampson, Cat. Lep. Phal. B. M., III, 420, pl. XLVIII, f. 17, *Euchætes*.

1903, Holland, Moth Book, 135, pl. XI, f. 18, *Euchætiæ*.

A specimen compared with the type of *poliochroa* by Mr. Tams shows this to be the Arizona insect previously described as *murina* by Stretch.

The figures of "*murina*" by both Hampson and Holland refer to the Texas subspecies named *albistrigata*. Hampson's figure is based upon a specimen in collection Schaus, so that it would seem that the Stretch name has been incorrectly determined in a number of collections.

P. murina murina is in the Barnes collection from Arizona only, Huachuca Mountains, Santa Rita Mountains, Baboquivari Mountains, Redington, Paradise, and Douglas. *P. murina albistrigata* is represented from San Benito, Texas, only. We suspect that most of the Texas records for *murina* refer to *albistrigata*.